L Number	Hits	Search Text	DB	Time stamp
7	7312	("0000650").PN. or ((438/678) or (438/679) or (438/438/627) or (438/653) or (438/656) or (438/643) or (438/648) or (438/685) or (438/686) or (438/633) or (438/687) or (438/637) or (438/638)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/04 01:57
8	79	(("0000650").PN. or ((438/678) or (438/679) or (438/438/627) or (438/653) or (438/656) or (438/643) or (438/648) or (438/685) or (438/686) or (438/633) or (438/687) or (438/637) or (438/638)).CCLS.) and barrier and electrolyt\$5 and potential	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/04
9	73	((("0000650").PN. or ((438/678) or (438/679) or (438/438/627) or (438/653) or (438/656) or (438/643) or (438/648) or (438/685) or (438/686) or (438/633) or (438/687) or (438/637) or (438/638)).CCLs.) and barrier and electrolyt\$5 and potential) and (copper or cu)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/04 02:04
10	4		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/04
11	4	(((("0000650").PN. or ((438/678) or (438/679) or (438/438/627) or (438/653) or (438/656) or (438/643) or (438/648) or (438/685) or (438/686) or (438/633) or (438/687) or (438/637) or (438/638)).CCLS.) and barrier and electrolyt\$5 and potential) and (copper or cu) and (electrolyt\$5 same (koh or (potassium adj hydroxide) or naoh or (sodium adj hydroxide) or (ammonium adj hydroxide) or (tetra adj2 methyl adj ammonium and hydroxide) or tmah))) and ph	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/04 02:16
12	8776	damascene	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/04 02:17
13	5486	damascene and copper	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/04
14	1668	(damascene and copper) and barrier and seed	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/04 02:17
15	877	((damascene and copper) and barrier and seed) and adhesion	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/04 02:18

				10000 (10 /0)
16	687	(((damascene and copper) and barrier and seed) and adhesion) and ((expos\$4 same	USPAT; US-PGPUB;	2003/12/04 02:19
		barrier) or ((etch\$4 or remove) same seed))	EPO; JPO; DERWENT;	
17	168	((((damascene and copper) and barrier and	IBM_TDB USPAT;	2003/12/04
1 - '	100	seed) and adhesion) and ((expos\$4 same	US-PGPUB;	02:20
		barrier) or ((etch\$4 or remove) same	EPO; JPO;	
		seed))) and (electrolyte or electrolyt\$3)	DERWENT;	
18	71	(((((damascene and copper) and barrier	IBM_TDB USPAT;	2003/12/04
1 10	1	and seed) and adhesion) and ((expos\$4	US-PGPUB;	02:20
		same barrier) or ((etch\$4 or remove) same	EPO; JPO;	
		seed))) and (electrolyte or	DERWENT;	
19	10	electrolyt\$3)) and potential (((((damascene and copper) and barrier	IBM_TDB USPAT;	2003/12/04
1 - 2]	and seed) and adhesion) and ((expos\$4	US-PGPUB;	02:20
		same barrier) or ((etch\$4 or remove) same	EPO; JPO;	
1		seed))) and (electrolyte or	DERWENT;	
		electrolyt\$3)) and potential) and (electrolyt\$5 same (koh or (potassium adj	IBM_TDB	
	1	hydroxide) or naoh or (sodium adj		
1		hydroxide) or (ammonium adj hydroxide) or		
1		(nh adj2 oh) or (tetra adj2 methyl adj		
20	5	ammonium and hydroxide) or tmah)) ((((((damascene and copper) and barrier	USPAT;	2003/12/04
20		and seed) and adhesion) and ((expos\$4	US-PGPUB;	02:22
		same barrier) or ((etch\$4 or remove) same	EPO; JPO;	
		seed))) and (electrolyte or	DERWENT;	
		electrolyt\$3)) and potential) and (electrolyt\$5 same (koh or (potassium adj	IBM_TDB	
	1	hydroxide) or naoh or (sodium adj		
		hydroxide) or (ammonium adj hydroxide) or		
		(nh adj2 oh) or (tetra adj2 methyl adj		
21	5	ammonium and hydroxide) or tmah))) and ph	IIGDAM.	2002/12/04
21	3	(((((((damascene and copper) and barrier and seed) and adhesion) and ((expos\$4	USPAT; US-PGPUB;	2003/12/04 02:22
	1	same barrier) or ((etch\$4 or remove) same	EPO; JPO;	""
		seed))) and (electrolyte or	DERWENT;	
	}	electrolyt\$3)) and potential) and (electrolyt\$5 same (koh or (potassium ad)	IBM_TDB	
	1	hydroxide) or naoh or (sodium adj		
	1	hydroxide) or (ammonium adj hydroxide) or		
	}	(nh adj2 oh) or (tetra adj2 methyl adj	,	
	<u> </u>	ammonium and hydroxide) or tmah))) not		
		<pre>((((((((damascene and copper) and barrier and seed) and adhesion) and ((expos\$4</pre>		
1		same barrier) or ((etch\$4 or remove) same		
Ì		seed))) and (electrolyte or		1
)	1	electrolyt\$3)) and potential) and		
1	1	(electrolyt\$5 same (koh or (potassium adj hydroxide) or naoh or (sodium adj		
	1	hydroxide) or (ammonium adj hydroxide) or		
)		(nh adj2 oh) or (tetra adj2 methyl adj		
		ammonium and hydroxide) or tmah))) and		
	<u>L</u>	ph)		}